

Beleaf® 50 SG Insecticide



CUCURBITS

Stop the Feeding, Stop the Damage.

Protect your cucurbits against damaging pests with the unique chemistry of Beleaf® 50 SG insecticide. Different than any other major class of insecticide on the market, Beleaf 50 SG insecticide employs a unique mode of action to selectively target piercing and sucking insects and stop them from feeding within 30 minutes. The action is quick, but the residual control is long lasting, protecting yields with optimum efficacy. Beleaf 50 SG insecticide is an excellent addition to an effective integrated pest management program (IPM) and can be applied by ground, air or chemigation.

With the consistent performance of Beleaf 50 SG insecticide, aphids won't stand in the way of your yield goals any longer.

QUICK FACTS:

- Effective on adult and immature aphids totaling 29 crop subspecies including the melon aphid.
- Zero-day PHI and no phytotoxicity in cucurbit crops.
- With the correct dosage, timing and method of application, Beleaf 50 SG insecticide can be used while plants are in bloom with a low impact on pollinators and other beneficial insects.
- Translaminar movement for control via ingestion and contact.
- Insects stop feeding within 30 minutes of ingestion.
- Controls virus-carrying aphids.
- Excellent residual control up to three weeks.
- Versatile use on cucurbits, leafy and fruiting vegetables, brassicas, potatoes, strawberries, pome and stone fruits.
- No known cross-resistance with other insecticides.



The Devastating Impact of Aphids on Cucurbits:

Cucurbits are damaged when aphids extract plant sap with their sucking and piercing mouthparts, usually on the undersides of leaves. Melon aphid nymphs and adults are typical culprits in cucumbers. This destruction results in reduced plant vigor, stunting, curled leaves, reduced yields and sometimes plant death.

Aphid Species Controlled:

Apple Aphid	Mealy Plum Aphid
Black Bean Aphid	Pea Aphid
Black Cherry Aphid	Potato Aphid
Blackmargined Aphid	Red Lettuce Aphid (two species)
Black Pecan Aphid	Rosy Apple Aphid
Blue Alfalfa Aphid	Soybean Aphid
Cabbage Aphid	Spirea Aphid
Cotton/Melon Aphid	Spotted Alfalfa Aphid
Cowpea Aphid	Strawberry Aphid
English Grain Aphid	Turnip Aphid
Green Peach Aphid	Woolly Apple Aphid
Greenbug	Yellow Pecan Aphid
Hop Aphid	
Leaf Curl Plum Aphid	

Product Information:

Active Ingredient: Group 29; flonicamid

Chemistry Class: Pyridinecarboxamide

Formulation: 50% SG (soluble granule)

Signal Word: CAUTION

Precautions/Restrictions:

- Do not apply more than three applications at 2.8 oz./A per year.
- Do not apply more than a total of 8.4 oz./A per year.
- Allow seven days between applications.
- Use a minimum of 10 GPA by ground and 3 GPA by air.
- PHI: Zero days.
- REI: 12 hours.

Pests	Product Rate (fl. oz./A)	Application Directions
Aphid spp., Plant Bug spp.	2.0 - 2.8	Begin applications at economic thresholds. The low rate can be used for low pest densities or when tank mixing with other cucurbit insecticides.
Greenhouse Whitefly (<i>Trialeurodes vaporariorum</i>)	2.8	For whiteflies, apply when pest first appears. Beleaf® 50 SG insecticide provides suppression only. For control, apply with other effective cucurbit products.

To learn more about Beleaf 50 SG insecticide, contact your FMC retailer or visit FMCcrop.com.

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